

WHAT IS CLAIMED:

1 20. A method for decoding coded image data, comprising:
2 receiving coded image data and tool information indicating
3 tools for constituting a decoding algorithm for decoding the
4 coded image data;
5 storing previously defined tools;
6 individually selecting at least one tool from the stored
7 previously defined tools based on the tool information;
8 constructing the decoding algorithm from the at least one
9 selected tool;
10 decoding the received coded image data by applying the
11 decoding algorithm; and
12 outputting decoded image data to a display device.